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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/525,541

08/23/2005

Hyuk-Chong Kwon

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EXAMINER

MACARTHUR, VICTOR L

ART UNIT

PAPER NUMBER

3679

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
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3 MONTHS

02/23/2007

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 02/23/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@hahnlaw.com
akron-docket@hotmail.com

Office Action Summary

Application No.

10/525,541

Applicant(s)

KWON, HYUK-CHONG

Examiner

Victor MacArthur

Art Unit

3679

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. ____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 9/12/2005.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

Claims 1-3 are objected to because they are generally narrative and indefinite, failing to conform to current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors (e.g., the use of parenthesis in the claims, misspellings such as "camp" versus --clamp--, improper antecedent basis, improper preamble construction, terms of relative scope such as "easily", "good", etc.)

Appropriate correction is required. For purposes of examining the instant invention, the examiner has assumed these corrections have been made.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Thomas (U.S. Patent 4,085,763).

Claim 1. Thomas discloses (fig.3) in a framework connection structure of a camp in which the framework is constructed by a main pipe having a predetermined diameter and openings formed its both ends, respectively and an auxiliary pipe inserted to the main pipe for forming the framework, a connection member of a movable type camp with a good detachability comprising: the main pipe (18) and the auxiliary pipe (22) having a penetration hole (34) at a

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predetermined portion of its external circumference surface, respectively; an elastic member (52) having a "U" shape attached to the inside of the auxiliary pipe so that a constant elastic force is generated toward the inside circumference portion from the center of the auxiliary pipe; and a connection protrusion (36) formed at the top surface of the upper end portion of the elastic member, which is inserted to the penetration holes of the main pipe and the auxiliary pipe and exposed to the outside, whereby the assemble and disassemble processes of the framework are performed easily.

Claim 2. Thomas discloses the connection member of a movable type camp with a good detachability of claim 1, wherein the connection protrusion has a front surface inclined portion (front surface inclined portion of 34) formed with a predetermined angle at its front surface portion, so that when connecting the main pipe and the auxiliary pipe, the opening of the main pipe can press the connection protrusion. The specific method of forming is not germane to the issue of patentability of the device itself. See MPEP § 2113. It is well established by case law that it is the patentability of the product that is to be determined even though such claims are limited and defined by process steps. See *In re Thorpe et al*, 227 USPQ 964 (CAFC 1985). Therefore, the limitation "by a grinding process" has been given only limited patentable weight.

Claim 3. Thomas discloses the connection member of a movable type camp with a good detachability of claim 1, wherein the connection protrusion has a side surface inclined portion (side surface inclined portion of 36) formed with a predetermined angle at its side surface portion, so that when disassembling, when the auxiliary pipe is rotated toward a direction, the penetration hole of the main pipe can press the side surface inclined portion of the connection protrusion. The specific method of forming is not germane to the issue of patentability of the

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device itself. See MPEP § 2113. It is well established by case law that it is the patentability of the product that is to be determined even though such claims are limited and defined by process steps. See *In re Thorpe et al*, 227 USPQ 964 (CAFC 1985). Therefore, the limitation "by a grinding process" has been given only limited patentable weight.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Referring to connector members:

Reddy U.S. Patent 3,679,244

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor MacArthur whose telephone number is (571) 272-7085.

The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel P. Stodola can be reached on (571) 272-7087. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197.

VLM

VLM

February 15, 2007

A handwritten signature in black ink that reads "Daniel P. Stodola". The signature is written in a cursive style with a large, looped initial "D".

DANIEL P. STODOLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600